YNK-DBR No.....
Date.....

AEE, YSTSD
SBR No: 96/21-22
Date: 27/10/2024

Original / Duplicate / Triplicate

CONTRACT CERTIFICATE

(For Other Works)

Date.....20.....

1st & Final bill

ision: Yelahanka Division,
Received No.....Dated.....Cash Book Voucher No.....dated.....
eduled Docket No.....
me of Work : Comprehensive Development of Balance Roads and Drains at Aditya Nagara Ananthapura Nisarga layout, halakshmi layout yelahanka new town 4th and 5th phase Doddabettahalli village, Kaveri layout and surrounding areas in ward -03 and 04 of yelahanka Division (Package No11).
ame of the Contractor and Full Address: Sri.Yogesha M/s Nandhi Construction.
b Code: 003-21-000048
ork Order No: EE/YNK.D/EPMT-01/WO/43/2021-22 Dated:12/08/2021

rtified that the measurements were taken by me on 26.10.2021 and recorded in pages 496523-496528/2
For M/s. NANDI CONSTRUCTION Measurement Book No. 4966 and that the work is satisfactorily executed

Partners
ontractor

Officer-in-charge of work

rtified that the measurements were taken by me on 28/10/2021 and found correct. The work is satisfactorily executed

rtified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and e contractor has not previously received any advance on this security. These materials are of an imperishable nature and e all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal greement signed and executed by the contractor is recorded in the office.

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ ಕಛೇರಿ
ಯಲಹಂಕ ಉಪವಿಭಾಗ
Sub-Division Officer
ಬೆ.ಮ.ನ.ಪಾ. ಬೆಂಗಳೂರು-106

Memorandum of Payment

1) Total value of work done or supplies made as per account within
2) Deduct amount to be held in reserve being.....percent Rs.....
3) Deduct amount to be held in Balance
4) Deduct Payment :
   a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D No.....
   Amount adjusted towards cash advance recovery of
   b) Payments cost store or other materials supplied
   Now made recovery of amount creditable to this/other work
   Amount paid on this bill Cheque/Cash
5) Balance being unpaid value of work done held in reserve
6) Deduct cash advance made on the office Cash Book Voucher No.....
   date .....less adjustments
7) Net amount due to or from contractor

Unadjusted items

8) Advance to contractor for materials brought to site (as detailed) within value of Governme materials supplied

Gross Amt	=Rs 8,81,48,788-00
FSD	=Rs ——
CGST	= Rs 7,87,042-00
SGST	= Rs 7,87,042-00
IT	= Rs 17,62,975-00
LC	= Rs 8,81,488-00
CSF	= Rs 88,148-00
Royalty	=Rs 296,893-00
T.D.	= Rs 52,93,288-00
Net Amt	=Rs 8,29,45,500-00

For M/s. NANDI CONSTRUCTION
Contractor's Signature

Received Rs Partners (in words)
By Cash and by adjustment of Payment as per memorandum.
Witnesses :
1.
2.

For M/s. NANDI CONSTRUCTION
Signature of Contractor

Dated.....

Paid by me by cheque No..... Partners Dated.....

Cash Rs..... Dated.....

Audited & Admitted for Rs. 8,81,48,788-00
Eight Crore Eighty one lakh fourty eight thousand Seven hundred & Eighty Eight
8,29,45,500-00 by Cheque
and Rs. 52,93,288-00 by adjustment

Accts. Supdt
Yelahanka Division
BBMP

Exe. Engineer
Yelahanka Division
BBMP

ABSTRACT BILL

Name of work:Modified Estimate for Comprehensive Development of Balance Roads and Drains at Aditya Nagara Ananthapura Nisarga layout, Mahalakshmi layout yelahanka new town 4th and 5th phase Doddabettahalli village, Kaveri layout and surrounding areas in ward No-03 and 04 of yelahanka Division (Package No11)

Sl.No	Description of work	Unit	Schedule B			Previous bill		Present Bill			Total Upto date	
			Qty	Rate	Cost	Qty	Cost	Qty.	Rate	Cost	Qty.	Cost
1	Removing & Refixing stone slabs of drains and pointing in C.M (1:3)	Sqm	0.00	116.81	0.00	-	-	0.00	116.81	0.00	0.00	0.00
2	KSRRB 300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications.	Cum	6207.33	144.62	897704.00	-	-	6207.32	144.62	897703.00	6207.32	897703.00
3	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:4:8 with OPC @ 180kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials,	Cum	1040.02	5897.97	6133999.00	-	-	1039.95	5897.97	6133582.00	1039.95	6133582.00
4	KSRB 4.2.2 : Providing and laying in position plain cement concrete of mix M20 withOPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @0.43cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc, complete excluding cost of stell as per MORTH specification	Cum	1833.87	7790.43	14286615.00	-	-	1833.87	7790.43	14286614.00	1833.87	14286614.00
5	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications.	Tonne	111.75	84113.86	9399393.00	-	-	111.74	84113.86	9398987.00	111.74	9398987.00
6	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:2:4 with OPC @ 240kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @ 0.53cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications.	Cum	16.05	6328.02	101565.00	-	-	16.05	6328.02	101565.00	16.05	101565.00
	Above 125%	Cum	1.24	6328.02	7847.00			1.24	6328.02	7846.74	1.24	7846.74
7	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 100mm thick and Finishing cutting , including form work, cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc ,copmplete.	Sqm	5000.48	2452.68	12264566.00			5000.15	2452.68	12263755.64	5000.15	12263755.64
8	Providing and Fixing pre cast covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.As per Engineer incharge.	Sqm	0.00	5686.19	0.00	-	-	0.00	5686.19	0.00	0.00	0.00

9	Removing & Refixing of Kerb Stone	M	153.00	110.13	16851.00	-	-	153.00	110.13	16850.00	153.00	16850.00
10	Providing and Fixing pre cast Solid Cement Concrete Kerb stone made made out of CC 1:2:4 with top and bottom width 114 and 165mm	nos	5643.75	453.89	2561642.00	-	-	5643.75	453.89	2561642.00	5643.75	2561642.00
	Above 125%	Nos	6129.25	453.89	2782006.00	-	-	6129.25	453.89	2782005.00	6129.25	2782005.00
11	KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications	Sqm	1336.50	89.00	118949.00			1336.50	89.00	118948.50	1336.50	118948.50
	Above 125%	Sqm	298.73	89.00	26587.00			298.73	89.00	26586.53	298.73	26586.53
12	KSRRB M400-18. Construction of Median and Island above road level with approved material deposited at site from roadway cutting and excavation for drain and foundation of other structures, spread, graded and compacted as per Clause 400.7 complete as per specifications. MORTH Specification No. 407	Cum	0.00	194.68	0.00	-	-	0.00	194.68	0.00	0.00	0.00
13	KSRB 14.6 : Providing and laying heavy duty cobble stones interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM complete as per specifications. Specification No. KBS	Sqm	800.63	1171.43	937877.00			800.63	1171.43	937876.14	800.63	937876.14
	Above 125%	Sqm	1553.02	1171.43	1819255.00			1553.02	1171.43	1819254.22	1553.02	1819254.22
14	KSRRB 300-46. Scarifying by mechanical means stone metal crust 50mm to 100mm thick by along with 20mm premix carpet / surface dressing and stacking of old serviceable materials including cost of all labour charges, HOM complete as per specifications. MORTH / Chapter 3	Sqm	8601.83	56.82	488757.00	-	-	8597.31	56.82	488499.00	8597.31	488499.00
15	KSRRB M300-14. Excavation for road work in all type of soil by mechanical means including cutting loading to tippers trimming bottom and side slopes in accordance with requirment of lines and cross sections and transportation with a lead of 1.00 km and complete as per specification.	Cum	1216.34	56.36	68554.00	-	-	1216.34	56.36	68553.00	1216.34	68553.00
16	KSRRB 300-58. Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications.	Sqm	11642.66	6.67	77657.00			11638.15	6.67	77626.46	11638.15	77626.46
17	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications.	Cum	1746.40	2093.67	3656381.00			1745.72	2093.67	3654966.83	1745.72	3654966.83
18	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications.	Cum	2470.11	2100.34	5188076.00	-	-	2470.11	2100.34	5188068.00	2470.11	5188068.00

19	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications.	Sqm	10978.46	35.60	390834.00	-	-	10978.26	35.60	390826.00	10978.26	390826.0
20	KSRRB 500-2 Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM complete as per specifications. Clause 501 of MORTH V revision	Sqm	13042.09	5.56	72515.00	-	-	13042.09	5.56	72514.00	13042.09	72514.0
	Above 125%	Sqm	2242.19	5.56	12467.00	-	-	2242.04	5.56	12466.00	2242.04	12466.0
21	KSRRB 500-11. Providing and laying bituminous macadam on Prepared Surface with crushed Coarse aggregates as per Design mix formulae for base/binding course including loading of aggregates with F.E loader,Hot mixing of Stone aggregates and bitumen in Hot mix plant, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve desired density, but excluding cost of primer/Tack coat including lead, lift and cost of all materials, labour HOM of machinaries complete as per Specifications. MORTH Ch 5. using 40/60 TPH capacity HMP with Mechanical paver Gr-II (50mm - 75mm) with 3.4% VG-30 bitumen.	Cum	883.25	7653.79	6760239.00	-	-	883.25	7653.79	6760239.00	883.25	6760239.0
22	KSRRB 500--10 Providing and applying tack coat using 80/100 grade Sqm bitumen(VGIO) in boiler fitted with spray set distributor at the rate of 0.25 kg per Sqm on the existing prepared bituminous surface cleaned with mechanical broom, complete as per specifications.	Sqm	17665.10	13.35	235830.00	-	-	17665.08	13.35	235829.00	17665.08	235829.00
23	KSRRB M500-19: providing and laying bituminous concrete 40mm thick with 100-120 TPH batch type hot mix plant producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 5.4 to 5.6% of mix and filler, transporting the hot mix to work site, laying with hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem roller to achieve the desire compaction as per MORTH specification clause No. 500.9 complete in all respects as per specifications. MORTH specification 30-45mm compacted thickness (GradingII) With 6% bitumen 80/100,	Cum	706.60	8967.62	6336548.00	-	-	706.60	8967.62	6336547.00	706.60	6336547.00
24	KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC.35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications.	Sqm	734.36	477.25	350474.00			734.36	477.25	350473.31	734.36	350473.31

	KSRRB M800-35. Supply and Installtion of Moulded Shank Raised Pavement Markers made of polycarbonate and ABS(Acrylonitrile Butadiene Styrene) moulded body and reflective panels with micro prismatic lens capable of providing total internal reflection of the light entering the lens face and shall support a load of 16000 kg tested in accordance to Specifications of Category A of MORTH Circular No RW/ NH/33023/10-97 – DO III Dt 11.06. 1997. The height, width and length shall not exceed 50 mm, 100 mm and 102 mm and with minimum reflective area of 13 Sqcm on each side and the slope to the base shall be 35 degree. The strength of detachment of the integrated cylindrical shanks, (of diameter not less than 19 mm and height not less than 30 mm) from the body is to be a minimum value of 500 Kg. Fixing will be by drilling holes on the road for the shanks to go inside, without nails and using epoxy resin based adhesive as per manufacturer's recommendation and complete as directed by the engineer	Nos	712.00	374.90	266929.00			712.00	374.90	266928.80	712.00	266928.8
26	KSRRB M600-1 Providing and Constructing dry lean cement concrete mix CC 1:5:10 base with OPC 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates @0.58cum over a prepared sub-base, coarse and fine aggregate conforming to IS: 383-2016,aggregate cement ratio not to exceed 15:1, Aggregate gradation after blending to be as per Table 600-1,optimum moisture content to be	Cum	62.48	4262.32	266289.00	-	-	62.48	4262.32	266288.00	62.48	266288.00
	Above 125%	Cum	3.51	4262.32	14978.00	-	-	3.51	4262.32	14978.00	3.51	14978.00
27	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fine aggregate conforming to IS:383-2026, with Superplastizer at 3 lts conforming to IS 9203-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 225 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints,including groove cutting charges, joint filler, separation membrane of impermiable plastic sheet of 225 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to -do- with OPC at 360 kg/cum and coarse aggregate 0.69cum, fine aggregate 0.46cum	Cum	93.71	5913.20	554141.00	-	-	93.71	5913.20	554141.00	93.71	554141.00
	Above 125%	Cum	5.27	5913.20	31169.00	-	-	5.27	5913.20	31168.00	5.27	31168.00
28	KSRRB M100-1 Loading and Unloading of Stone Boulder / Stone aggregates /Sand/ Kanker / Moorum. KSRRB M100-1 : Placing tipper at loading point, loading with front end loader,dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications. MORTH -100/ Chapter	Cum	6210.25	76.84	477196.00	-	-	6207.32	76.84	476970.00	6207.32	476970.00
	EIRL											

E1	Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications.	Cum	353.10	5505.64	1944056.00			353.05	5505.64	1943748.31	353.05	1943748.31
E2	KSRB 5-14 : Providing and constructing load bearing wall with solid concrete blocks of size 400x200x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4 I.No.5.26.1, Page no 27	Sqm	72.80	1019.72	74236.00			72.80	1019.72	74235.62	72.80	74235.62
E3	Providing and laying reinforced cement concrete pipe NP3 for culverts including pointing ends, and fixing collars with cement mortar 1:2 including cost of all materials, labour, curing, including cost of materials, labour, HOM complete as per specifications. Specifications. No. KSRB 1000, 2300-do-450mm. dia	M	10.00	2737.98	27380.00	-	-	10.00	2737.98	27380.00	10.00	27380.00
E4	KSRRB M300-18. Wrought Iron and mild steel welded work (using angles, square bars, tees and channel grills, grating frames, gates and tree guards of any size and design etc. Including cost of screens and welding rods or bolts and nuts complete fixed in position but without the cost of excavation and concrete for fixing which will be paid separately complete as per specifications.	Qtl	7.69	7618.22	58607.00			7.69	7618.22	58606.97	7.69	58606.97
	SUB TOTAL				78708169.00					78704268.06		78704268.06
	GST 12%				9444980.00					9444512.00		9444512.00
	GRAND TOTAL				88153149.00					88148780.06		88148780.06

Certificate

1 The above work has been Completed satisfactorily
2 The debris has been removed and disposed from the work spot.
3 No. departmental issues are made to the contractor

For M/s. NANDI CONSTRUCTION

Contractor

Partners

Consultant

Assistant Engineer

Asst.Executive Engineer